



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

#### Representatives Present During the Inspection:

Company Kirk Nicholes  
Company Karl Houskeeper

## Inspection Report

Permit Number:	C0250005
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, June 21, 2011
Start Date/Time:	6/21/2011 1:00:00 PM
End Date/Time:	6/21/2011 4:00:00 PM
Last Inspection:	Tuesday, May 24, 2011

Inspector: Karl Houskeeper,

Weather: Clear skies, Temperature 73 Deg. F.

InspectionID Report Number: 2784

Accepted by: jhelfric

7/11/2011

Permittee: **ALTON COAL DEVELOPMENT LLC**

Operator: **ALTON COAL DEVELOPMENT LLC**

Site: **COAL HOLLOW**

Address: **463 North 100 West, Suite 1, CEDAR CITY UT 84720**

County: **KANE**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

635.64	<b>Total Permitted</b>
435.00	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☐ Underground  
☒ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Reviewed the Division memo dated May 5, 2011 with the operator to ascertain what items have been accomplished as agreed to in the memo. See item 22. For a break down.

Mining is still occurring in pit #2 and will be for at least two more weeks. Overburden removal in pit #2 was occurring during the inspection

Inspector's Signature:

*Karl Houskeeper*

Date

Thursday, June 23, 2011

Karl Houskeeper,

Inspector ID Number: 49

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.  
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## Inspection Continuation Sheet

Page 2 of 4

### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**2. Signs and Markers**

Mine identification signs are located at all of the points of public access into the permit area. The signs contain the required information.

Stream buffer zone signs have been installed.

**4.a Hydrologic Balance: Diversions**

Proposed changes to DD-2 were submitted to the Division on June 20, 2011.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Work is still needed on all of the sediment ponds with the inlets. Pond #3 outlet still needs work. All of the pond drawings will need to be updated with the changes and submitted to the Division through an amendment.

**16.a Roads: Construction, Maintenance, Surfacing**

Roads have been regraded.

**22. Other**

Items from Division memo dated May 5, 2011

To be acted upon immediately category:

1. Lower Robinson Creek earthen dam design, seep perforated pipe collection system and outfall, and DWQ?DEQ approval for outfall.  
Design Submitted to Division on June 20, 2011.

2. Sample coal remaining in the backfill of Pit 1 for parameters listed in Tables 3 and 7 of the 2008 Soil and Overburden Guidelines. Keep a copy at the mine site and send an e-mail copy to Priscilla.  
Information e-mailed to Priscilla on June 7, 2011.

Tasks in progress and to be completed by June 1, 2011:

1. Installation of oil skimmers on all sediment pond overflow pipes per MRP section 734, p. 7-67 and 7-68 and Section 742.110.  
Oil skimmers are in place on all ponds. Skimmers are just set on top of the decant pipes. Asked that the skimmers be physically attached.
2. Rip rap pond inlet channels to provide stability (pond 1 already complete, pond 1B in progress, and pond 2.)  
Inlet to pond #1 still needs work. Inlet to pond #1B is done, but needs to be reworked a little to move larger rip rap to the out side of inlet. Inlet to pond #2 still needs rip rap.
3. Amend MRP design to include rip rap inlets to ponds.  
Still needs to be done. Pond drawings need to be revised and submitted to the Division.
4. Soil analyses reporting as required by MRP Section 232.500, and report quarterly thereafter.  
E-mailed to Priscilla.
5. Provide complete App. C soils analyses.  
Submitted to the Division June 20, 2011.

Task #3799 deficiency list completed by June 17, 2011 (items 1-9 on memo of May 5, 2011, not listed here)  
all items 1-9 addressed In June 20, 2011 submission.